



Materials Letters 19 (1994) 333-338

Author index to volume 19

Abdel Rehim, N., see M.E. Kassem	19 (1994) 87
Abelard, P., see A. Smith	19 (1994) 159
Abou Taleb, W.M., see M.E. Kassem	19 (1994) 87
Adly, M., E.M. El Banna, H.A. Megahed and M. Zaki, Characteristics of superplastic α/β	
brass with equal phase proportion	19 (1994) 93
Almeida, M., see A.P. Gonçalves	19 (1994) 13
Amiya, K., see A. Inoue	19 (1994) 131
Arita, I.H., see D. Vélez	19 (1994) 309
Asaoka, H., Formation of titania gels from titanium alkoxide and orthoboric acid in pyri-	
dine. I	19 (1994) 207
Asaoka, H., Sol-gel synthesis of crystalline ZrO ₂ with partial replacement of zirconium by	
Al, Nb, Si and Ta. II	19 (1994) 213
Asomoza, M., see T. Lopez	19 (1994) 193
Asomoza, M., see T. Lopez	19 (1994) 199
Balchev, N., see K. Konstantinov	19 (1994) 297
Bauser, E., see S.H. Lee	19 (1994) 1
Belhadji, M., see J.M. Saiter	19 (1994) 287
Bénazeth, S., see J.M. Saiter	19 (1994) 287
Beneš, L., see P. Lošt'ák	19 (1994) 53
Bergmann, R., see S.H. Lee	19 (1994) 1
Bianco, A., G. Gusmano, R. Montanari, G. Montesperelli and E. Traversa, Preparation of	,
Ni-Co metal powders by co-reduction of Ni (II) and Co (II) hydroxides for magnetores-	
istive sensors	19 (1994) 263
Boubeker, B., see J.P. Eymery	19 (1994) 137
Burlitch, J.M., see S.A. Jones	19 (1994) 233
Cai, Y., see F. Zhang	19 (1994) 115
Castaño, V.M., see D. Vélez	19 (1994) 309
Castaño, V.M., see A. Jiménez-Ceniceros	19 (1994) 317
Černošková, E., see P. Lošťák	19 (1994) 53
Chang, C.T., see T.W. Liu	19 (1994) 301
Chen, C.Y., W. Reichert and R.M. Cohen, Diffusion-limited etching of p-GaAs in NaOH-	
Na ₂ EDTA solutions	19 (1994) 109
Chen, D.H., see T.W. Liu	19 (1994) 301
Chen, G., see F. Zhang	19 (1994) 115
Cheng, C.H., see T.W. Liu	19 (1994) 301
Choudhary, R.N.P., see K.L. Yadav	19 (1994) 61

Choy, JH., YS. Han and SW. Song, Preparation and magnetic properties of ultrafine	10 (1004) 255
SrFe ₁₂ O ₁₉ particles derived from a metal citrate complex	19 (1994) 257
Cohen, R.M., see C.Y. Chen	19 (1994) 109
Damodaran, A.D., see T.V. Mani	19 (1994) 237
Date, S.K., see H.S. Potdar	19 (1994) 269
Davies, H.A., see M. Leonowicz	19 (1994) 275
Demazeau, G., see T. Dubois	19 (1994) 38
Deshpande, S.B., see H.S. Potdar	19 (1994) 269
Díaz Castañón, S., see J.L. Sánchez Llamazares	19 (1994) 143
Domínguez, M., E. Márquez, P. Villares and R. Jiménez-Garay, de electrical properties of	-> (->>)
some metal-chalcogenide glassy alloys of the Cu-As-Se system	19 (1994) 69
Druilhe, R., see V. Sallet	19 (1994) 99
Dubois, T. and G. Demazeau, Preparation of Fe ₃ O ₄ fine particles through a solvothermal	1) (1))4)
process	19 (1994) 38
	19 (1994) 36
Durand, L. and JL. Pastol, Dy ₂ BaCuO ₅ distribution size in melt textured DyBa ₂ Cu ₃ O _y	19 (1994) 291
superconductors prepared by the horizontal Bridgman method	19 (1994) 291
El Banna, E.M., see M. Adly	19 (1994) 93
El-Shobaky, G.A., A.M. Ghozza, G.A. Fagal and M. Shouman, Effects of γ-irradiation and	
lithium oxide doping on surface and catalytic properties of manganese oxides supported	
on α-alumina	19 (1994) 79
El-Shobaky, G.A., G.A. Fagal, A.M. Ghozza and M.A. Shouman, Surface and catalytic	
properties of manganese oxides supported on active alumina	19 (1994) 225
Elwy, A., see M.A. Khaled	19 (1994) 325
Eymery, J.P. and B. Boubeker, Adhesion and debonding of bcc 304 L steel films	19 (1994) 137
Fagal, G.A., see G.A. El-Shobaky	19 (1994) 79
Fagal, G.A., see G.A. El-Shobaky	19 (1994) 225
Fan, C.G., see A.C. Wang	19 (1994) 251
Ferrante, M., V. Sinka and L.V. Zampieron, Microstructural parameters affected by Al-	19 (1994) 231
	19 (1994) 57
doping in Nd-Fe-B sintered magnets	19 (1994) 37
Forsyth, P.J.E., The microstructural disturbance introduced into aluminium alloy surfaces	10 (1004) 22
by machining, as seen in subsequently formed anodise coatings	19 (1994) 22
García-Garduño, M.V., see D. Vélez	19 (1994) 309
Ghozza, A.M., see G.A. El-Shobaky	19 (1994) 79
Ghozza, A.M., see G.A. El-Shobaky	19 (1994) 225
Gomez, R., see T. Lopez	19 (1994) 193
Gomez, R., see T. Lopez	19 (1994) 199
Gonçalves, A.P., M. Almeida, C.T. Walker, J. Ray and J.C. Spirlet, Phase relations and sin-	
gle crystal growth of U-Fe-M (M=Al, Si) compounds with ThM n_{12} -type structure	19 (1994) 13
Goodwin, D.G., see H.S. Shin	19 (1994) 119
Grattepain, C., see V. Sallet	19 (1994) 99
Grimberg, I., see M. Levit	19 (1994) 48
Grozdanov, I., Electroless chemical deposition technique for Cu ₂ O thin films	19 (1994) 281
Gusmano, G., see A. Bianco	19 (1994) 263
Cushing, C., see H. Dianes	17 (17)4) 203

Han, YS., see JH. Choy	19 (1994) 257
Hassan, E.A., see M.A. Khaled	19 (1994) 325
He, L.L., H.Q. Ye, R.G. Xu and D.Z. Yang, The structure of the Ti ₂ Al phase and its rela-	., (.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
tionship with TiAl and Ti ₃ Al phases in the intermetallic compound Ti _{48.3} Al _{51.7}	19 (1994) 17
Higashi, K., see M. Mabuchi	19 (1994) 247
Hnatowicz, V., see V. Švorčik	19 (1994) 329
Huang, J.C., see T.W. Liu	19 (1994) 301
Inoue, A., N. Nishiyama, K. Amiya, T. Zhang and T. Masumoto, Ti-based amorphous al-	
loys with a wide supercooled liquid region	19 (1994) 131
Inoue, T., S. Morito, Y. Murakami, K. Oda and K. Otsuka, New martensite structures and	
composition dependence of martensitic transformations in $Ni_{50}Al_xMn_{50-x}$ alloys	19 (1994) 33
Jordin D.E. soc. A.I.S. Machada	19 (1994) 177
Jardim, R.F., see A.J.S. Machado	19 (1994) 1//
Jiménez-Ceniceros, A., G. Vázquez-Polo, C. Renero and V.M. Castaño, Mechanical model for two-dimensional coarsening foams	19 (1994) 317
	19 (1994) 517
Jiménez-Garay, R., see M. Domínguez Jones, S.A. and J.M. Burlitch, In situ formation of composites of alumina with nickel and	19 (1994) 09
with nickel aluminide	19 (1994) 233
Jordović, B., see O. Milošević	19 (1994) 165
Jordovic, B., see O. Milosevic	19 (1994) 103
Kamegashira, N., see H.W. Xu	19 (1994) 157
Kassem, M.E., N.K. Madi, N. Abdel Rehim and W.M. Abou Taleb, Radiation and field	
induced effects on the electrical and optical properties of polyvinylidene fluoride	19 (1994) 87
Kato, A., see S. Nagashima	19 (1994) 171
Kellermann, K. and G. Willeke, Observation of silicon etch pit formation in quiescent con-	
centrated aqueous HF solutions	19 (1994) 7
Khaled, M.A., E.A. Hassan, A. Elwy and E.E. Metwally, Effect of carbon black on the elec-	
trical and creep characteristics of EPDM rubber	19 (1994) 325
Khalil Pour Seydei, M., see K.S. Raju	19 (1994) 65
Kim, CJ., S.H. Lai and P.J. McGinn, Morphology of Y ₂ BaCuO ₅ and segregation of sec-	
ond phase particles in melt-textured Y-Ba-Cu oxides with/without BaCeO ₃ addition	19 (1994) 185
Kim, K.Y., see W.S. Kim	19 (1994) 149
Kim, W.S., S.J. Yoon and K.Y. Kim, Effects of sintering conditions of sintered Ni-Zn fer-	
rites on properties of electromagnetic wave absorber	19 (1994) 149
Kim, Y., see E.Z. Kurmaev	19 (1994) 123
Kitamura, N. and T. Wada, Infrared reflectance and optical properties of LPE-Al _x Ga _{1-x} Sb	19 (1994) 105
Komarneni, S., see C. Rutiser	19 (1994) 221
Konstantinov, K., A. Souleva, I. Stambolova and N. Balchev, Alkaline doped Bi-Pb-(Sb)-	
Sr-Ca-Cu-O superconducting materials	19 (1994) 297
Koudelka, L., see P. Lošt'ák	19 (1994) 53
Kubota, K., see M. Mabuchi	19 (1994) 247
Kurmaev, E.Z., S.N. Shamin and Y. Kim, Crystallization of CVD carbon films on Si	
substrates	19 (1994) 123
Kvitek, J., see V. Švorčik	19 (1994) 329
Lai, S.H., see CJ. Kim	19 (1994) 185
Lui, 0.11., 500 O5. IXIII	17 (1774) 103

Lee, B.I., Properties of low-density bulk silica gel: lyosil	19 (1994) 217
Lee, S.H., R. Bergmann, E. Bauser and H.J. Queisser, Solution growth of silicon on Al-Si	
coated quartz glass substrates	19 (1994) 1
Leonowicz, M. and H.A. Davies, Effect of Nd content on induced anisotropy in hot de-	
formed Fe-Nd-B magnets	19 (1994) 275
Levit, M., I. Grimberg and BZ. Weiss, Residual micro- and macrostresses in the plasma-	
sprayed zirconia-based TBCs	19 (1994) 48
Li, Y.Y., see A.C. Wang	19 (1994) 251
Liu, T.W., D.H. Chen, C.H. Cheng, C.T. Chang, S.R. Sheen, J.C. Huang and M.K. Wu,	
Preparation and properties of YBa ₂ Cu ₃ O _y -Ag composites via 8-hydroxyquinoline	
coprecipitation	19 (1994) 301
Lopez, T., M. Asomoza and R. Gomez, Novel Pt-Sn/Al ₂ O ₃ sol-gel catalyst: synthesis and	
thermal characterization	19 (1994) 193
Lopez, T., M. Asomoza and R. Gomez, Spectroscopic study of Pt-Sn/Al ₂ O ₃ sol-gel catalysts	19 (1994) 199
López Núñez, G., see J.L. Sánchez Llamazares	19 (1994) 143
Lošt'ák, P., J. Lounek, L. Koudelka, L. Beneš and E. Černošková, The effect of NiO doping	-> (->>)
on the stoichiometry of ZnO	19 (1994) 53
Lounek, J., see P. Lošt'ák	19 (1994) 53
Lusson, A., see V. Sallet	19 (1994) 99
Lusson, A., see V. Sanet	1) (1))4)))
Ma O see I M Seiter	19 (1994) 287
Ma, Q., see J.M. Saiter Mahyahi M. V. Vyhota and V. Higashi Effect of het sytrusion on machanical properties	19 (1994) 207
Mabuchi, M., K. Kubota and K. Higashi, Effect of hot extrusion on mechanical properties	19 (1994) 247
of a Mg-Si-Al alloy	19 (1994) 247
Machado, A.J.S. and R.F. Jardim, On the transformation of Y ₂ Cu ₂ O ₅ into YCuO ₂	•
Madi, N.K., see M.E. Kassem	19 (1994) 87
Mahmudi, R., Yield point phenomenon in ultrafine-grained aluminium sheets	19 (1994) 243
Mani, T.V., P.K. Pillai, A.D. Damodaran and K.G.K. Warrier, Dependence of calcination	10 (1004) 227
conditions of boehmite on the alumina particulate characteristics and sinterability	19 (1994) 237
Marfaing, Y., see V. Sallet	19 (1994) 99
Márquez, E., see M. Domínguez	19 (1994) 69
Masumoto, T., see A. Inoue	19 (1994) 131
McGinn, P.J., see CJ. Kim	19 (1994) 185
Megahed, H.A., see M. Adly	19 (1994) 93
Metwally, E.E., see M.A. Khaled	19 (1994) 325
Milošević, O., B. Jordović and D. Uskoković, Preparation of fine spherical ZnO powders	
by an ultrasonic spray pyrolysis method	19 (1994) 165
Mirabal García, M., see J.L. Sánchez Llamazares	19 (1994) 143
Montanari, R., see A. Bianco	19 (1994) 263
Montesperelli, G., see A. Bianco	19 (1994) 263
Morito, S., see T. Inoue	19 (1994) 33
Murakami, Y., see T. Inoue	19 (1994) 33
Nagashima, S., T. Yoshida and A. Kato, Synthesis of In ₂ O ₃ -SnO ₂ composite powders by a	
homogeneous precipitation technique and their sintering behavior	19 (1994) 171
Nishiyama, N., see A. Inoue	19 (1994) 131
	,,
Oda, K., see T. Inoue	19 (1994) 33
Oda, IX., Sec 1. Illoud	17 (1777) 33

Otsuka, K., see T. Inoue	19 (1994) 33
Pastol, JL., see L. Durand	19 (1994) 291
Pillai, P.K., see T.V. Mani	19 (1994) 237
Potdar, H.S., S.B. Deshpande and S.K. Date, Synthesis of PLZT powders via a molecularly	
modified precursor route	19 (1994) 269
Queisser, H.J., see S.H. Lee	19 (1994) 1
Raabe, D., Simulation of texture evolution during rolling deformation of an intermetallic	
Fe-28Al-5Cr polycrystal	19 (1994) 75
Raju, K.S., M. Khalil Pour Seydei and S.A. Suthanthiraraj, Bonding characteristics in sil-	
ver vanadate: an XPS study	19 (1994) 65
Ray, J., see A.P. Gonçalves	19 (1994) 13
Reichert, W., see C.Y. Chen	19 (1994) 109
Renero, C., see A. Jiménez-Ceniceros	19 (1994) 317
Rommeluere, M., see V. Sallet	19 (1994) 99
Roy, R., see C. Rutiser	19 (1994) 221
Rutiser, C., S. Komarneni and R. Roy, Composite aerogels of silica and minerals of differ-	
ent morphologies	19 (1994) 221
Rybka, V., see V. Švorčik	19 (1994) 329
Saiter, J.M., Q. Ma, S. Bénazeth, M. Belhadji and C. Vautier, A study of the short-range ordering in Ge _x Sb _y Te _(100-x-y) glasses by X-ray absorption spectroscopy	19 (1994) 287
Sallet, V., R. Druilhe, A. Tromson-Carli, A. Lusson, M. Rommeluere, C. Grattepain, Y. Marfaing and R. Triboulet, Novel modulated flow technique for the OMCVD growth	
of CdHgTe at 300°C	19 (1994) 99
Sánchez Llamazares, J.L., S. Díaz Castañón, G. López Núñez and M. Mirabal García, Ob-	
servation of minor magnetic phases in as-cast $Nd_2(Fe_{1-x}Al_x)_{14}B$ -based and related alloys	19 (1994) 143
Shamin, S.N., see E.Z. Kurmaev	19 (1994) 123
Sheen, S.R., see T.W. Liu	19 (1994) 301
Shi, C.X., see A.C. Wang	19 (1994) 251
Shin, H.S. and D.G. Goodwin, Deposition of diamond coatings on particles in a microwave	
plasma-enhanced fluidized bed reactor	19 (1994) 119
Shouman, M., see G.A. El-Shobaky	19 (1994) 79
Shouman, M.A., see G.A. El-Shobaky	19 (1994) 225
Sinka, V., see M. Ferrante	19 (1994) 57
Smith, A., D.S. Smith and P. Abelard, Experimental survey of dopant ions in ZnO: nonlin-	
earity and degradation	19 (1994) 159
Smith, D.S., see A. Smith	19 (1994) 159
Song, SW., see JH. Choy	19 (1994) 257
Souleva, A., see K. Konstantinov	19 (1994) 297
Spirlet, J.C., see A.P. Gonçalves	19 (1994) 13
Stambolova, I., see K. Konstantinov	19 (1994) 297
Suthanthiraraj, S.A., see K.S. Raju	19 (1994) 65
Suzuki, T., Oxygen partial pressure dependence of defects in Czochralski grown lithium niobate	19 (1994) 127

Švorčik, V., V. Rybka, V. Hnatowicz and J. Kvitek, Electrical resistivity of polymers mod-	
ified by ion irradiation	19 (1994) 329
Traversa, E., see A. Bianco	19 (1994) 263
Triboulet, R., see V. Sallet	19 (1994) 99
Tromson-Carli, A., see V. Sallet	19 (1994) 99
Uskoković, D., see O. Milošević	19 (1994) 165
Vautier, C., see J.M. Saiter	19 (1994) 287
Vázquez-Polo, G., see A. Jiménez-Ceniceros	19 (1994) 317
Vélez, D., I.H. Arita, M.V. García-Garduño and V.M. Castaño, Synthesis and characteri-	
zation of a hydroxyapatite-zinc oxide-polyacrylic acid concrete	19 (1994) 309
Villares, P., see M. Domínguez	19 (1994) 69
Wada, T., see N. Kitamura	19 (1994) 105
Walker, C.T., see A.P. Gonçalves	19 (1994) 13
Wang, A.C., Y.Y. Li, C.G. Fan and C.X. Shi, Investigation of micro-segregation in Incoloy	
903	19 (1994) 251
Warrier, K.G.K., see T.V. Mani	19 (1994) 237
Weiss, BZ., see M. Levit	19 (1994) 48
Willeke, G., see K. Kellermann	19 (1994) 7
Wu, M.K., see T.W. Liu	19 (1994) 301
Xie, E., see F. Zhang	19 (1994) 115
Xu, H.W. and N. Kamegashira, Estimation of Debye temperature and compressibility from	(,
ultrasonic pulse measurements in ScMnO ₃	19 (1994) 157
Xu, R.G., see L.L. He	19 (1994) 17
Yadav, K.L. and R.N.P. Choudhary, Structural and electrical properties of PZT (La, Na)	10 (1001) (1
ceramics	19 (1994) 61
Yang, B., see F. Zhang	19 (1994) 115
Yang, D.Z., see L.L. He	19 (1994) 17
Ye, H.Q., see L.L. He	19 (1994) 17
Yoon, S.J., see W.S. Kim	19 (1994) 149
Yoshida, T., see S. Nagashima	19 (1994) 171
Zaki, M., see M. Adly	19 (1994) 93
Zampieron, L.V., see M. Ferrante	19 (1994) 57
Zhang, F., E. Xie, B. Yang, Y. Cai and G. Chen, Synthesis and infrared absorption charac-	()
teristics of boron-doped semiconducting diamond thin films	19 (1994) 115
Zhang, T., see A. Inoue	19 (1994) 131
	-> (->>) -> 1